14:00 OK 6522 THESSALONIKI GO TO GATE Terminal 2 257
14:10 OK 0904 MOSCOW/SHEREMETY GO TO GATE Terminal 1 141 - 147
14:15 TOM 1748 DONCASTER GO TO GATE Terminal 1 133 - 134
14:20 TP 0531 LISBOA CHECK-IN Terminal 2 207 - 209
14:35 IB 7883 MADRID CHECK-IN Terminal 2 220 - 223
14:50 LX 1487 ZURICH CHECK-IN Terminal 1 165 - 167

imagine premium LCD quality, reliability and control

Samsung Digital Signage LCD and MagicNet™ Pro

MagicNet™ PRO

www.samsung.com/uk/business

SAMSUNG

About MagicNet™ Pro

MagicNet Pro lets you manage multiple screens from a single PC. Use it to broadcast information seamlessly across your local network or control all content from a central control server on a Wide Area Network. You can combine screens to create one giant image, or stream multiple content types to single displays simultaneously or at pre defined times. Whatever you do, you will always be in control with MagicNet Pro.

MagicNet Pro is the simplest and most affordable way to manage information displays on a network. It lets you send photos, audio, video and office files from a server to multiple screens, without the need for additional hardware. Just connect the display to the network and away you go. Use MagicNet for broadcasting or to send unique messages to specific screens. Transmit messages in real-time or schedule them to appear at a time of your choosing. MagicNet Pro also offers MDC, remote system diagnosis, display configuration and an auto software update facility. Further, it supports High Definition output and allows free arrangement of contents and multi-play control. With MagicNet Pro, digital signage has never been so straightforward, easy or flexible.

Features include:

LCD DXN Display Range

SM400DXN

Specifications

- 40” TFT Display
- 1366 x 768 Maximum Resolution
- 2cm Slim Bezel
- 1200:1 High Contrast Ratio
- 700 cd/m² High Brightness Display
- 8ms Response Time
- HDMI, Data, Video, Audio, USB and Network Connections
- MagicNet Pro Software

SM460DXN

Specifications

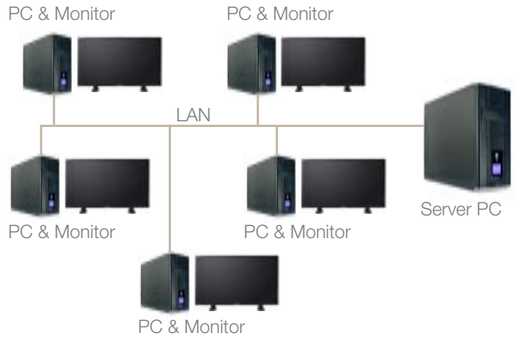
- 46” TFT Display
- 1366 x 768 Maximum Resolution
- 2cm Slim Bezel
- 1200:1 High Contrast Ratio
- 700 cd/m² High Brightness Display
- 8ms Response Time
- HDMI, Data, Video, Audio, USB and Network Connections
- MagicNet Pro Software

SM570DXN

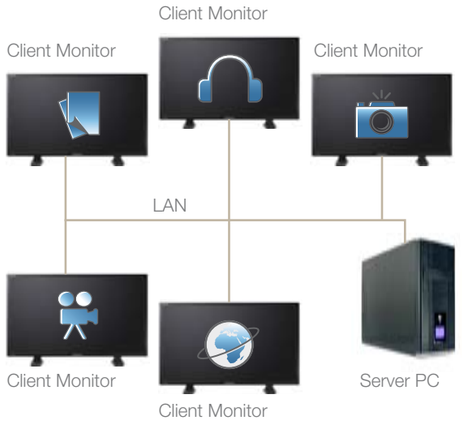
Specifications

- 57” TFT Display
- 1920 x 1080 Maximum Resolution
- 2cm Slim Bezel
- 2000:1 High Contrast Ratio
- 600 cd/m² High Brightness Display
- 8ms Response Time
- HDMI, Data, Video, Audio, USB and Network Connections
- MagicNet Pro Software

Conventional Solution



MagicNet Solution

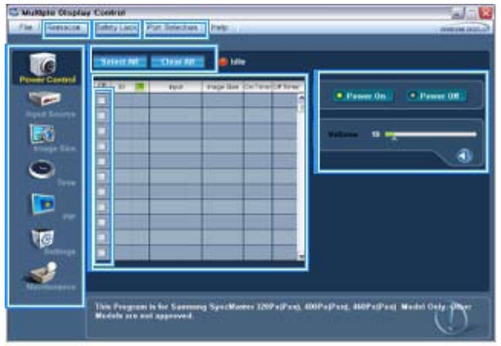


Advanced Multi Display Control

The MagicNet Pro interface is optimised for professional use and allows familiar windows type tree and list views. Totally flexible, it allows you to set up content and resolution freely, monitor and adjust display conditions remotely via the Local Area or Wide Area Networks.

Setting up and controlling multiple displays is simple with MagicNet Pro. The intuitive display screens are designed to offer easily expandable user Interfaces and full flexibility to customise content and preview images before broadcast.

Advanced MDC, multi content build capability and various effects offer endless eye-catching display possibilities. Remote multi display screen system checking allows temperature feedback and adjustment for total peace of mind and optimum system performance.



3 Simple Steps to Content Delivery

1. Select your content

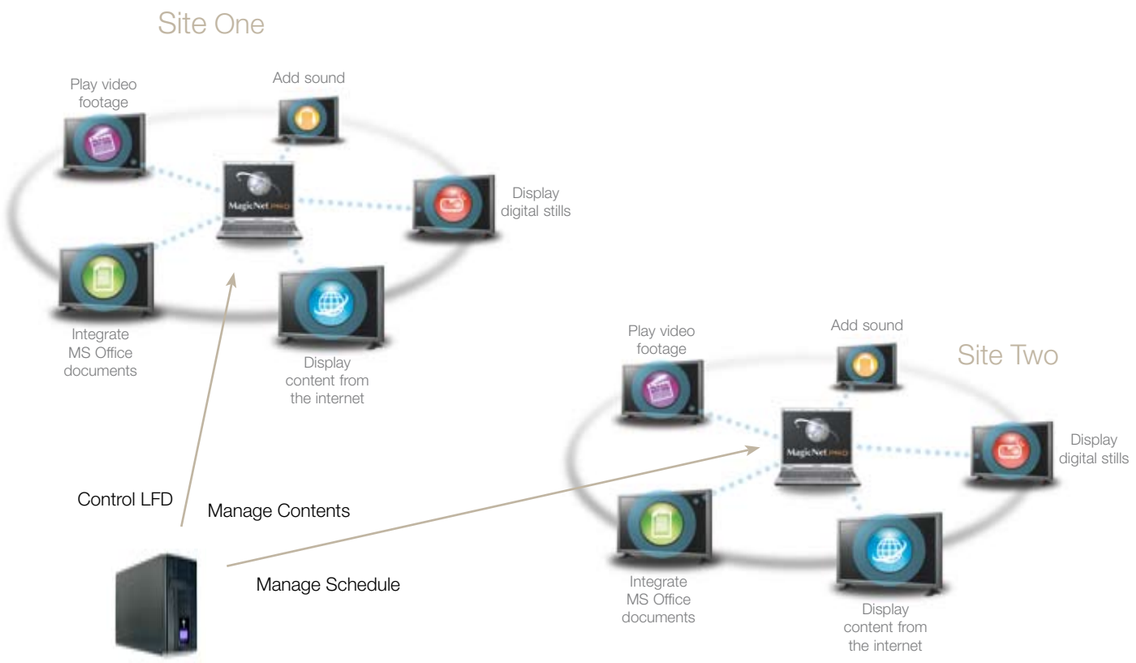
2. Select the screens to display the content

3. Select the time to display the content

Innovative Features

Versatile Convenience

Wide Area Network connectivity, MDC control, thin bezel design and lower power, higher 24/7 run time make the DXN display range the ultimate premium professional display solution for any retail and business environments

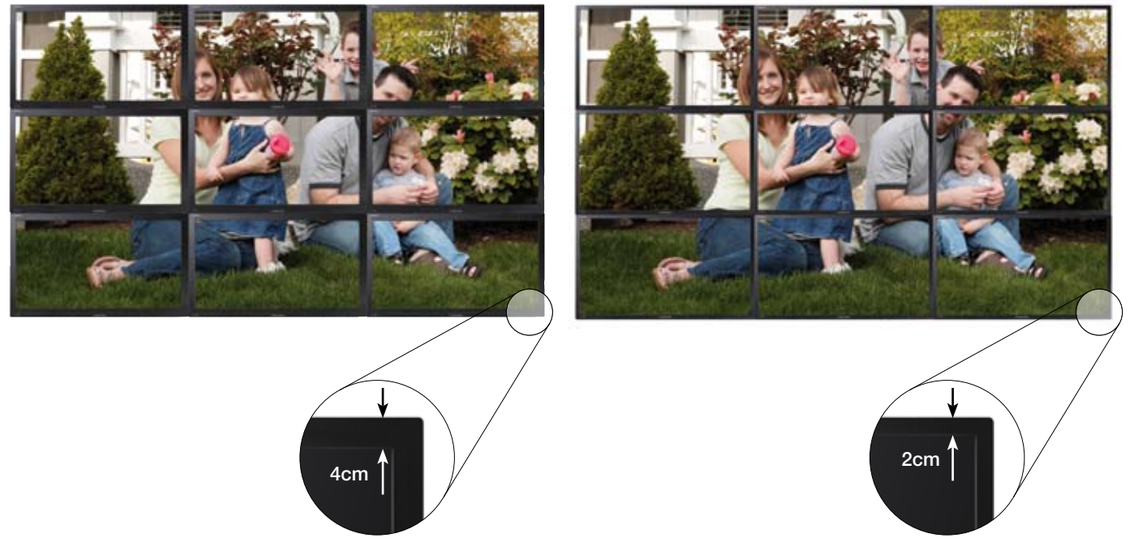


Site Three: MagicNet Pro Main Server

Wide Area Network Capability

MagicNet Pro offers seamless broadcast and control across your Wide Area Network for ultimate control, peace of mind and economy.

Using a remote MagicNet™ Pro main server you can control Local Area Networks and the distribution of information to their display environments. Automatic connection between the main server & client server (and direct IP link) enables instant streaming, analysis and content delivery. Local broadcasts can be optimised to save and distribute frequently used files to minimise network capacity and load.



Stylish Thin Bezel Design

Ultra slim bezel width of 2cm offers a more elegant appearance and enhanced multi display screen performance.

With inbuilt image enlarging processor and the capability to support video wall combinations from 1x1 up to 5x5 the DXN range of display solutions offers unparalleled video wall appearance and possibility. Stylish and elegant these displays are both functional and premium in both look and performance.

High Brightness

With an outstanding high bright performance gain of up to 30% compared to previous LCD models, the DXN range of display solutions offers high impact, high colour messaging.

Samsung is always striving to re-create natural images with vivid colour tone and outstanding image quality. The 40” & 46” models offer market leading 700 cd/m² brightness levels whilst the 57” model still offers an impressive 600 cd/m² brightness capability.

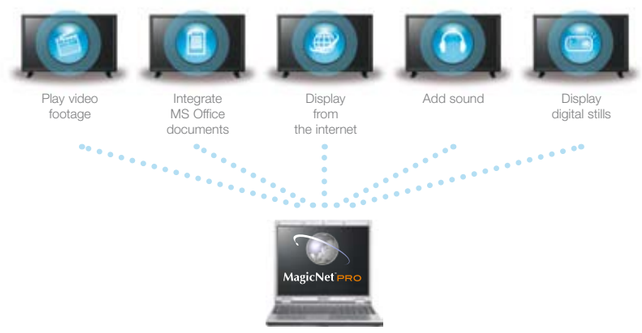
Conventional LCD Screens

Samsung DXN LCD Screen

MagicBright²

Outstanding Reliability

Samsung DXN LCD series with DID panel technology specifically developed for the commercial markets offers unparalleled reliability and performance never before seen in conventional TFT LCD panels. Operating at a dramatically lower panel temperature then traditional TV panel, the DXN series ensures enhanced panel lifetime. Coupled with superior fan circuit design you are guaranteed higher reliability. The DXN Series is an ideal solution for information critical public areas such as Airport, Train Stations, Subway, Shopping Malls, Library, Museums etc where 24/7 up time is a key requirment.



Standard Features & Benefits

Easy Content Scheduling
Just select the files to be displayed, the screen on which it should be displayed and the time at which it should go live. This simple three step process ensures quick and easy scheduling of content.

Remote Device Management
Scheduling of content can be completed remotely. The device management feature of MagicNet shows the status of each screen and allows the settings of each display to be managed centrally.

User Friendly Interface
Set-up and management of the system is quick and simple using the intuitive GUI.

Targeted Messaging
Unlike typical digital signage installations where every display carries the same content, MagicNet can deliver unique content to each screen allowing for highly targeted communications.

Multiple Content Types
Compatible with media files (photo, audio and video) and office files (PowerPoint, Excel, Word and PDF files) MagicNet delivers a wide range of content types.

Scalable
Each screen connects directly to the network without the need for a dedicated PC or complicated cabling. The only additional cost to expand the system is the screen itself.

HDMI Connectivity & HD Ready

High Definition Multimedia Interface (HDMI) and HD-ready screens deliver unprecedented connectivity and outstanding results.

HDMI capability enables simple and easy connection of digital devices with a single cable that transfers uncompressed audio and visual contents without data loss. HDMI also provides an interface between any compatible digital audio / video source.

Together with support for D-Sub, DVI, CVBS, S-Video and component the DXN displays are perfectly designed to deliver stunning high resolution 1366 x 768 HD ready output with the minimum of fuss.

Dynamic Contrast

SyncMaster 400DXN, 460DXN & 570DXN each boast a contrast ratio of 1200:1 surpassing the contrast ratios of regular TVs. Inbuilt into this range is dynamic contrast technology that adjusts the lamps brightness according to the image. This translates into crystal clear images at a glance. It's easy to see the results and together with 178°/178° wide viewing angle and high brightness image quality the images are like nothing seen before.

MagicNet Pro Applications

Point of Sale
- Advertising
- Promotions
- New Products
- Directions

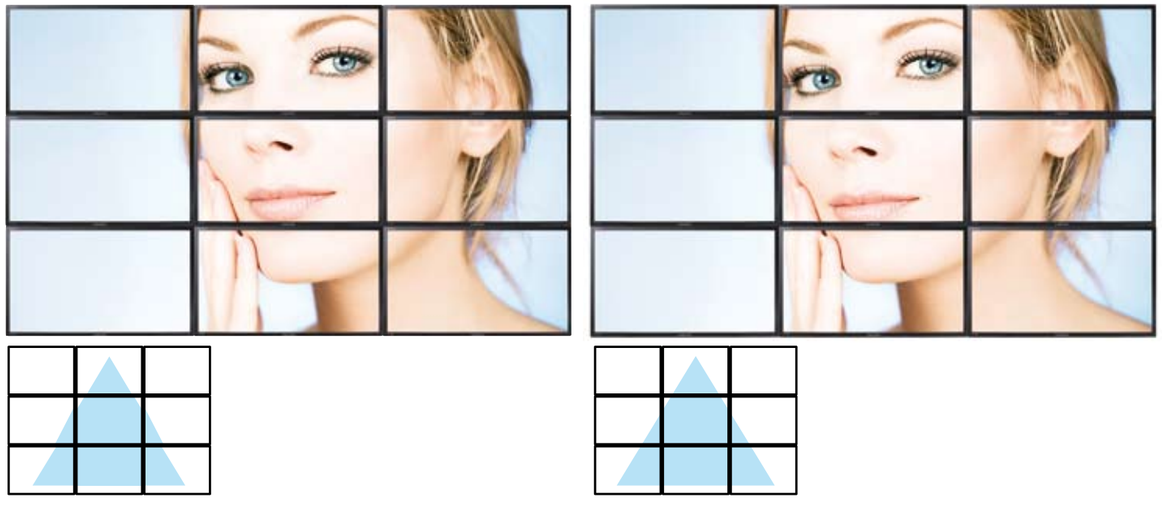
Point of Information
- Flight Information
- News & Weather
- Timetables
- Local Information

Office Applications
- Employee Bulletins
- Welcome Messages
- Training Material
- Meeting Room Info

Advanced Multi Screen Display & Extended Video Wall Functions

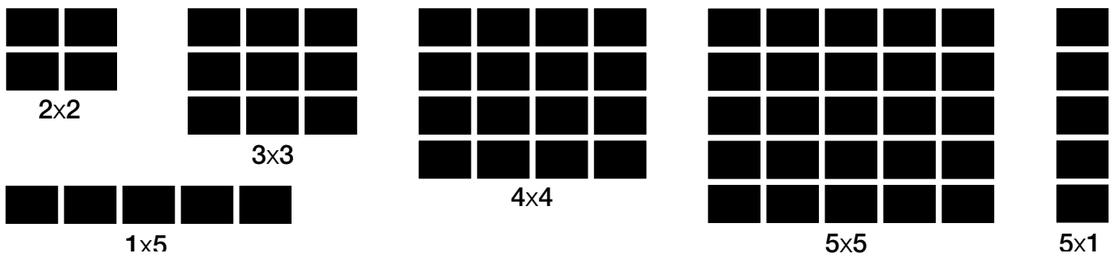
Matrix video wall settings & 2 way multi display format options, as standard, make image enlarging and display easy, accurate and natural.

When you are using multi display video walls presenting images naturally without distortion is always paramount. Samsung's DXN monitors support two types of video wall format. Full mode displays the picture regardless of cabinet size, while natural mode, takes into account bezel depth when displaying pictures. Add to these standard presets and inbuilt support for matrix display settings for video wall formats – 2x2, 3x3, 4x4, 5x5, 5x1 & 1x5 – and massive impact is guaranteed every time.

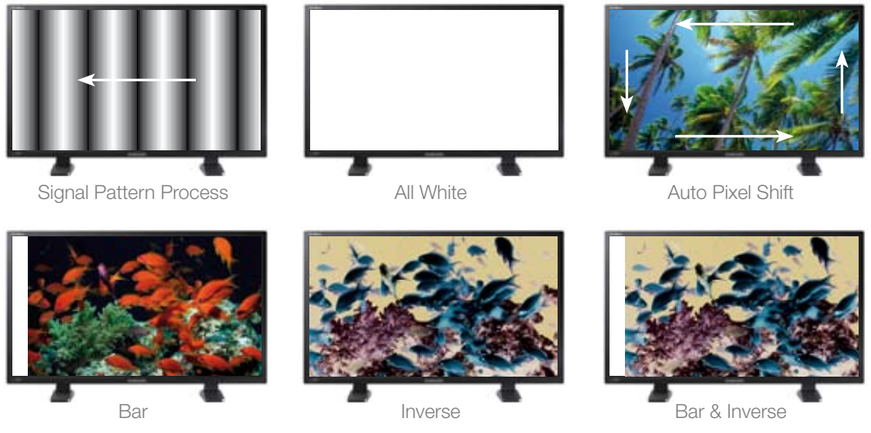


Full Mode

Natural Mode



6 Way Burn In Prevention Technology



Signal Pattern Process

All White

Auto Pixel Shift

Bar

Inverse

Bar & Inverse

Lower operating temperatures already minimise the risk of image burn in, but enhanced software prevention technology in the DXN LCD range ensures pixel-related panel failure is virtually eliminated.

Excellent Picture Quality / Consistent White Colour

Conventional LCD

All SyncMaster DXN LCD displays offer the highest contrast ratios and Samsung patented DNIe Pro enhancement for true lifelike reproduction.

DNIe™

Samsung DXN LCD

DNIe technologies combine to optimise, colour, contrast, detail and motion settings delivering the ultimate lifelike images time after time after time.

Advanced LCD Panel

The highest brightness and dynamic contrast

With outstanding high brightness, wide viewing angle, self adjusting dynamic contrast and high resolution image quality your message will always be powerful, true and easy to see at a glance.

		SM400DXN	SM460DXN	SM570DXN
Panel	Viewable area	40”	46”	57” Wide
	Pixel Pitch(mm)	0.648 x 0.648	0.7455 x 0.7455	0.652 x 0.652
	Brightness(cd/m²)(typ.)	700 cd/m²	700 cd/m²	600 cd/m²
	Contrast Ratio(typ.)	1200:1(DC 10000:1)	1200:1(DC 10000:1)	2000:1 (DC 5000:1)
	Viewing Angle(H/V)	178°/178°	178°/178°	178°/178°
	Response Time(ms)(typ.)	8ms (G to G)	8ms (G to G)	8ms (G to G)
Frequency	Horizontal Frequency(kHz)	30~81	30~81	30~81
	Vertical Frequency(Hz)	56~85	56~85	56~85
Maximum Resolution		1366x768	1366x768	Full HD 1920x1080
Color Supported		16.7 Mil.	16.7 Mil.	16.7 Mil.
Signal Input	Input Video Signal	Analog RGB, DVI-D, Composite S-video, Component Video, HDMI	Analog RGB, DVI-D, Composite S-video, Component Video, HDMI	Analog RGB, DVI-D, Composite, S-video, Component Video
	Sync. Type	Separate H/V, Composite , SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
	Input Connectors	D-sub, DVI-D, S-Video, CVBS, BNC(Component, PC), HDMI	D-sub, DVI-D, S-Video, CVBS, BNC(Component, PC), HDMI	D-sub, DVI-D, S-Video, CVBS, BNC(Component, PC)
Plug & Play		DDC 2B	DDC 2B	DDC 2B
Power	On Mode	280W	330W	460W
	DPMS Mode	<1 Watts	<1 Watts	<1 Watts
	Type	Internal	Internal	Internal
Multimedia Speakers		10W x 2Ch (option)	10W x 2Ch (option)	10W x 2ch (option)
Wall-Mount		Mounting Kit Available (option)	Mounting Kit Available (option)	Mounting Kit Available (option)
Cabinet Color		Black, Dark Silver	Black, Dark Silver	Black, Dark Silver
Other included accessories		Quick Setup Guide, Warranty Card, CD(Natural Color,MDC, MagicNet Software), User’s Manual, D-sub Cable, Power Cord, BNC to RCA Adaptor Jack 3pcs, Semi Stand 2pcs, Screw 4ea, Remote Control, Battery (AAA x 2)	Quick Setup Guide, Warranty Card, CD(Natural Color,MDC, MagicNet Software), User’s Manual, D-sub Cable, Power Cord, BNC to RCA Adaptor Jack 3pcs, Semi Stand 2pcs, Screw 4ea, Remote Control, Battery (AAA x 2)	Quick Setup Guide, Warranty Card, CD(Natural Color,MDC, MagicNet Software), User’s Manual, D-sub Cable, Power Cord, BNC to RCA Adaptor Jack 3pcs, Semi Stand 2pcs, Screw 4ea, Remote Control, Battery (AAA x 2)
Dimension	Set(W*H*D)(mm) (with stand)	932 x 604 x 311mm	1068 x 681 x 311mm	1347.5 x 855 x 311mm
	Set(W*H*D)(mm) (w/o stand)	932 x 548 x 130mm	1068 x 624 x 130mm	1347.5 x 800 x 130mm
	Packing(W*H*D)(mm)	1043 x 667 x 311mm	1190 x 763 x 305mm	1475 x 948 x 455mm
Weight	Set(kg)	25.0kg	31.3kg	48.3kg
	Packing(kg)	28.5kg	37.6kg	57.3kg
Stand	Function	-	-	-
	Type	Semi Stand	Semi Stand	Semi Stand

imagine

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In line with Samsung's commitment to continuous improvement this guide is subject to change without notice. E&OE.

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